

CLAIMS

1. An installation structure of a release pipe in a fuel cell vehicle having a hydrogen tank which stores hydrogen as fuel gas and a fuel cell stack which generates electric power using the hydrogen supplied from the hydrogen tank, the fuel cell stack and the hydrogen tank being arranged in order from front to back of the vehicle in such a manner that the fuel cell stack lies ahead of the hydrogen tank between left and right mainframes which extend in a longitudinal direction of the vehicle under a floor of the vehicle, wherein

the release pipe is provided to release the fuel gas in abnormal conditions, and wherein

at least a release outlet of the release pipe is placed between the left and right mainframes and between the fuel cell stack and the hydrogen tank under the floor.

2. An installation structure of a release pipe in a fuel cell vehicle as claimed in claim 1, further comprising:

a fuel cell box which contains at least the fuel cell stack; and

a ventilation which ventilates hydrogen inside the fuel cell box; wherein the ventilation sends ventilation air to rearward of the fuel cell box toward the release outlet.

3. An installation structure of a release pipe in a fuel cell vehicle as claimed in either one of claim 1 or 2, wherein the release outlet is placed in a higher position than a center axis of the hydrogen tank.

4. An installation structure of a release pipe in a fuel gas vehicle having a gas container which stores fuel gas, and an engine which generates power using the fuel gas supplied from the gas container, wherein

the release pipe is provided to release the fuel gas in abnormal

conditions, and wherein

at least a release outlet of the release pipe is placed in an area which is heated by the engine.